

Commonwealth of Massachusetts

Executive Office of Environmental Affairs ■ MEPA Office



Environmental Notification Form

<i>For Office Use Only</i>	
<i>Executive Office of Environmental Affairs</i>	
EOEA No.:	13838
MEPA Analyst:	Ann Canaday
Phone: 617-626-	1035

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Springdale Valley Sewer Interceptor Repair		
Street: University Road to Cedarcrest Road		
Municipality: Town of Canton	Watershed: Neponset Valley	
Universal Transverse Mercator Coordinates:	Latitude: 42-10'-52" N	Longitude: 71-09'-19" W
Estimated commencement date: July 1, 2006	Estimated completion date: August 1, 2006	
Approximate cost: \$81,000.00	Status of project design: 0	%complete
Proponent: Michael Trotta, Superintendent of Public Works		
Street: 801 Washington Street		
Municipality: Canton	State: MA	Zip Code: 02021
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Daniel T. Donahue, P.E. (Town Engineer)		
Firm/Agency: Town of Canton, DPW	Street: 801 Washington Street	
Municipality: Canton	State: MA	Zip Code: 02021
Phone: 781-821-5063	Fax: 781-821-2871	E-mail: ddonahue@town.canton.ma.us

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes No
- Has this project been filed with MEPA before?
 Yes (EOEA No. _____) No
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. _____) No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(8)) Yes No
 - a Special Review Procedure? (see 301 CMR 11.09) Yes No
 - a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No
 - a Phase I Waiver? (see 301 CMR 11.11) Yes No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres):
None

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify _____) No

List Local or Federal Permits and Approvals:

Canton Conserv. Comm.	Order of Conditions	DEP #124-0964	2/15/06
MA DEP	Appeal-Wetlands	DEP #124-0964	Pending
MA DEP	Form 401-Waterways	DEP #124-0964	Pending

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- | | | |
|--|---------------------------------------|--|
| <input type="checkbox"/> Land | <input type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input checked="" type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	66.1			
New acres of land altered		.35		
Acres of impervious area		0	0	
Square feet of new bordering vegetated wetlands alteration		15320		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	na			
Number of housing units	na			
Maximum height (in feet)	na			
TRANSPORTATION				
Vehicle trips per day	na			
Parking spaces	na			
WATER/WASTEWATER				
Gallons/day (GPD) of water use	na			
GPD water withdrawal	na			
GPD wastewater generation/ treatment	na			
Length of water/sewer mains (in miles)	na			

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify _____) No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify: Estimated Habitat and Priority Sites (PH857)) No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify _____) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify: The project lies within an ACEC) No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (You may attach one additional page, if necessary.)

The site is within a sewer easement located on a 66.1 acre parcel owned by the Department of Conservation and Recreation off Neponset Street near the Canton/Norwood town line, and between University Road and Cedarcrest Road in the Town of Canton, MA (formerly known as the Canton Airport). The Property is a wooded and wetland area with a gated access on Neponset Street where University Road (a paper road at that end) intersects.

The project consists of a stabilization of the existing 20 foot wide sewer easement in a ten foot wide path with a geo-grid and gravel aggregate, for repair and maintenance vehicles to get in to repair exposed sections of a 12 inch AC Sewer Pipe within a stream bed. The project also consists of repairing and re-aligning the exposed sewer.

A brook meandered its way across and above the existing sewer line, washing out the stone and gravel bed that was placed over it in 1963 when the sewer was constructed. The brook exposed the pipe. The pipe worked its way out of alignment by about 6 inches and sits within the brook's channel. It appears to be unbroken.

The 20 foot Town of Canton Sewer Easement runs off of the MWRA trunk line easement along University Road. Approximately 1500 feet in from the MWRA sewer trunk line easement is where the exposed sewer main is located. In order to better allow the heavy equipment onto the easement without incidence, the Town of Canton proposes to excavate the existing easement material to a depth of 18 inches, place a geo-grid in the 10 foot wide trench for the 1500 foot length of easement and cover the geo-grid with 18 inches of gravel aggregate. Once placed, the Town proposes to dig a permanent 8 foot wide diversion channel for the brook to continue its flow away from the sewer repair area and crossing at a 90 degree angle with the existing sewer line so that a concrete encasement will not be needed within the stream bed (this is based on an order by the DEP). After the channel is dug out and the flow of water is diverted, the repair of the exposed sewer will take place. A steel plate will be necessary to span the diversion channel for the repair vehicles to access the repair area. The steel plate will be left on site at all times during and after the